



ABSTRACT OF THE INVENTION

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A transmitter of radioelectric signals includes a plurality of amplifiers PA1, PA2 for amplifying a signal Sin whose frequency is included in a predetermined frequency band, said signal Sin alternately carrying information and being in the quiescent state during first and second predetermined periods of time. The transmitter additionally includes a detector DET intended to supply a detection signal AP having active states and inactive states during the first and the second predetermined periods of time, respectively, and a controller CNT intended to supply signals S1 and S2, when the detection signal AP is in the active state, which signals are used to inhibit the amplifiers which are not optimized for the frequency band wherein the frequency of the signal Sin to be amplified is included.